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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/761,375	01/22/2004	Matthew J. Cannon	RIC-98-050C1	3103
25537	7590	08/27/2007	EXAMINER	
VERIZON PATENT MANAGEMENT GROUP 1515 N. COURTHOUSE ROAD SUITE 500 ARLINGTON, VA 22201-2909			JAIN, RAJ K	
			ART UNIT	PAPER NUMBER
			2616	
			NOTIFICATION DATE	DELIVERY MODE
			08/27/2007	ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@verizon.com

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/761,375		CANNON ET AL.	
	<b>Examiner</b>		<b>Art Unit</b>	
	Raj K. Jain		2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 29 May 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 25-27, 29-32, 34-36, 38-40 and 42-46 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 25-27, 29-32, 34-36, 38-40 and 42-46 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***General Remarks***

Examiner withdraws the Finality of Office Action submitted on 26 November 2006 and presents this Non-Final Office Action for consideration by Applicant.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 25-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shanker et al (US006570869B1) in view of Hakim et al (US 2002/0167943 A1).

Regarding claims 25, 30, 35, 39, 43 and 44 Shanker discloses a method and means for establishing a telephone call (see abstract, Figs 1 & 4), comprising:

- receiving a call establishment request (see Figs 1 & 4, col 13 lines 12-33, a call request and establishment message 402 is created and sent to node 100 and then to coding unit 110 for establishing a call request.);

- converting first message format to a session initiation protocol format or from the session initiation format to the first format (see Fig. 1, The signaling unit 120 and the terminating signaling unit 140 implement a "virtual switch" and are responsible for processing and routing the signaling messages that are exchanged to set up and tear down a voice connection, furthermore, the signaling units convert the protocols such as

SIP of the originating node 100 and the terminating node 160, see col 1 lines 30-37, col 2 lines 44-67, col 5 lines 15-32.)

Shanker however fails to disclose mapping of address and/or a numbering plan for establishing of the call.

Hakim discloses mapping of address and numbering plan for call establishment (see abstract, paras 70, 71, 74, 91, 93.).

Mapping of address and phone numbers across multiple regions via the Internet allows for a cost effective and efficient communications network.

Thus it would have been obvious at the time the invention was made to incorporate the teachings of Hakim within Shanker so as to provide a cost effective, efficient and a ubiquitous communications network.

Regarding claims 26, 31, 36, 40, 45, Shanker discloses converting first message format to a session initiation protocol format or from the session initiation format to the first format (see Fig. 1, the signaling units convert the protocols of the originating node 100 and the terminating node 160, such as ISUPs, TUPs, and NUPs, H.323, SIP, or CAS, into messages for communicating with one another and for controlling a coding unit over control links 114 and 154, see col 1 lines 30-37, col 2 lines 44-67, col 5 lines 15-32.). Shanker however fails to disclose mapping of address and/or a numbering plan for establishing of the call. Again reasons for combining same as for independent claims above.

Regarding claims 27, 32, Hakim discloses mapping of address and numbering plan for call establishment (see abstract, paras 70, 71, 74, 91, 93.), reasons for combining same as for independent claims above.

Regarding claim 29, 34, 38, 42 and 46 Shanker discloses network signaling protocols such as SIP, and telephony signaling protocol such as SS7, ISDN ISUP and CAS protocols (see col 1 lines 25-37, col 4 line 50 – col 5 line 27).

### ***Response to Arguments***

Applicant's arguments with respect to claims 25-27, 29-32, 34-36, 38-40 and 42-46 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raj K. Jain whose telephone number is 571-272-3145. The examiner can normally be reached on M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham can be reached on 571-272-3179. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

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For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

***Raj K. Jain***

***/Raj K. Jain/***

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August 21, 2007